

LISTING OF CLAIMS:

1. (Currently amended) A method for manufacturing a molded product having a molded portion, wherein the molded product has a surface layer on at least part of its surface, the method comprising:

forming a releasing agent layer on a wall surface of a cavity of a mold by injecting a first liquid containing a releasing agent into the cavity and depressurizing the ~~cavity~~, and cavity;

superimposing the surface layer on the releasing agent layer formed on the wall surface of the cavity by injecting a second liquid containing material of the surface layer into the cavity and depressurizing the cavity; and

forming the molded portion by supplying a molding material into the cavity after the releasing agent layer ~~is formed~~ and the surface layer are formed.

2. (Original) The method of claim 1, wherein the depressurization of the cavity is performed immediately before the injection of the releasing agent ends or after the injection of the releasing agent ends.

3. (Original) The method of claim 1, wherein the releasing agent is injected when depressurizing the cavity.

4. (Original) The method of claim 1, wherein the injection of a first liquid and the depressurization of the cavity are performed when the mold is closed.

5. (Original) The method of claim 1, wherein the first liquid includes the releasing agent and a solvent, and the cavity is depressurized to a pressure at which the solvent boils.

6-10 (Canceled)

11. (Original) The method of claim 1, wherein the molded product is an insert molded product including an insert member occupying at least part of the molded product.

12-14 (Canceled)

15. (Original) The method of claim 1, wherein the injection of the first liquid includes injecting a previously measured amount of the first liquid into the cavity.

16. (Currently amended) A method for manufacturing a molded product using a mold having a cavity, wherein the molded product has a surface layer on at least part of its surface, the method comprising the steps of:

forming a releasing agent layer on entire surface of the cavity when the mold is ~~closed~~;
and closed;

superimposing the surface layer on the releasing agent layer formed on the surface of the cavity by injecting a second liquid containing material for forming the surface layer into the cavity and depressurizing the cavity; and

supplying molding material to the cavity after the releasing agent layer ~~is formed~~ and the surface layer are formed to form the molded product.

17. (Original) The method of claim 16, wherein the step of forming a releasing agent layer includes the steps of:

closing the mold;

injecting a first liquid including a releasing agent and a solvent that vaporizes under a reduced pressure into the cavity; and

depressurizing the cavity to a pressure at which the solvent vaporizes.

18-20 (Canceled)

21. (New) A method for manufacturing a molded product having a molded portion, the method comprising:

forming a releasing agent layer on a wall surface of a cavity of a mold by injecting a first liquid containing a releasing agent and a solvent into the cavity and depressurizing the cavity to a pressure at which the solvent boils; and

forming the molded portion by supplying a molding material into the cavity after the releasing agent layer is formed.

22. (New) The method of claim 21, wherein the depressurization of the cavity is performed immediately before the injection of the releasing agent ends or after the injection of the releasing agent ends.

23. (New) The method of claim 21, wherein the releasing agent is injected when depressurizing the cavity.

24. (New) The method of claim 21, wherein the injection of a first liquid and the depressurization of the cavity are performed when the mold is closed.

25. (New) The method of claim 21, further comprising:

recovering the solvent vaporized in the cavity when the cavity is depressurized; and
reusing the recovered solvent as the solvent of the releasing agent.

26. (New) The method of claim 21, wherein the molded product has a surface layer on at least part of its surface, and the method further comprises superimposing the surface layer on the releasing agent layer formed on the wall surface of the cavity by injecting a second liquid containing material of the surface layer into the cavity and depressurizing the cavity.

27. (New) The method of claim 21, wherein the molded product is an insert molded product including an insert member occupying at least part of the molded product.

28. (New) The method of claim 21, wherein the injection of the first liquid includes injecting a previously measured amount of the first liquid into the cavity.

29. (New) A method for manufacturing a molded product using a mold having a cavity, the method comprising the steps of:

closing the mold;

injecting a first liquid including a releasing agent and a solvent that vaporizes under a reduced pressure into the cavity;

depressurizing the cavity to a pressure at which the solvent vaporizes to form a releasing agent layer on entire surface of the cavity when the mold is closed; and

supplying molding material to the cavity after the releasing agent layer is formed to form the molded product.

30. (New) The method of claim 29, wherein the step of injecting a first liquid includes injecting a previously measured amount of the first liquid.

31. (New) The method of claim 29, wherein the molded product has a surface layer on at least part of its surface, the method further comprises superimposing the surface layer on the releasing agent layer formed on the surface of the cavity by injecting a second liquid containing material for forming the surface layer into the cavity and depressurizing the cavity.